



08-29-01

CPA/2381\$

PTO/SB/29 (10-00)

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**CONTINUED PROSECUTION APPLICATION (CPA)
REQUEST TRANSMITTAL**

Submit an original, and a duplicate for fee processing.

(Only for Continuation or Divisional applications under 37 CFR 1.53(d))

CHECK BOX, if applicable:

☒ **DUPLICATE**

Address to:

**Assistant Commissioner for Patents
Box CPA
Washington, DC 20231**Attorney Docket No.
of Prior Application

AGX-14-CPA

First Named Inventor

Gat, et al.

Examiner Name

Nguyen, Kiet

Group Art Unit

2881

Express Mail Label No.

EL863286350US

This is a request for a ☐ continuation or ☐ divisional application under 37 CFR 1.53(d),(continued prosecution application (CPA)) of prior application number **09226,396**filed on January 6, 1999, entitled HEATING DEVICE OR HEATING SEMICONDUCTOR WAFERS IN THERMAL PROCESSING CHAMBERS**NOTES**

FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51(b), or (2) the national stage of an international application in compliance with 35 U.S.C. 371. Effective May 29, 2000, a CPA may only be filed in a utility or a plant application if the prior nonprovisional application was filed before May 29, 2000. A CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice," Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000).

C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53(d), but must be filed under 37 CFR 1.53(b).

EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned.

ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to, copies of, or information concerning, the prior application may be given similar access to, copies of, or similar information concerning, the other application or applications in the file jacket.

35 U.S.C. 120 STATEMENT: In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted. If a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such request, 37 CFR 1.78(a).

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

1. ☐ Enter the unentered amendment previously filed on _____ under 37 CFR 1.116 in the prior nonprovisional application.
2. ☒ A preliminary amendment is enclosed.
3. This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53(d)(4).
 - a. ☐ **DELETE** the following inventor(s) named in the prior nonprovisional application:
.....
 - b. ☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.
4. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
5. Information Disclosure Statement (IDS) is enclosed:
 - a. ☐ PTO-1449
 - b. ☐ Copies of IDS Citations

01 FC:131
02 FC:103
03 FC:102

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Washington, DC 20231.

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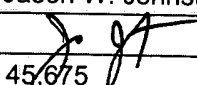
CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	42 -20* =	22	x \$ 18.00 =	\$ 396.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	4 -3** =	1	x \$ 80.00 =	80.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ _____ =	0.00
				BASIC FEE (37 CFR 1.16)	710.00
				Total of above Calculations =	1,186.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.27).				
	* Reissue claims in excess of 20 and over original patent. ** Reissue independent claims over original patent.			TOTAL =	1,186.00

6. ☐ Small entity status: Applicant claims small entity status. See 37 CFR 1.27.
7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 04-1403:
- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☒ Fees required under 37 CFR 1.18.
8. ☒ A check in the amount of \$ 1,576.00 is enclosed.
9. ☐ Payment by credit card. Form PTO-2038 is attached.
10. ☐ Applicant requests suspension of action under 37 CFR 1.103(b) for a period of _____ months (not to exceed 3 months) and the fee under 37 CFR 1.17(i) is enclosed.
11. ☐ New Attorney Docket Number, if desired _____
[Prior application Attorney Docket Number will carryover to this CPA unless a new Attorney Docket Number has been provided herein.]
12. a. ☐ Receipt For Facsimile Transmitted CPA (PTO/SB/29A)
- b. ☒ Return Receipt Postcard (Should be specifically itemized, See MPEP 503)
13. ☒ Other: **EXPRESS MAIL CERTIFICATE OF MAILING**

NOTE: The prior application's correspondence address will carry over to this CPA UNLESS a new correspondence address is provided below.

14. NEW CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label		22827		<input type="checkbox"/> New correspondence address below	
(Insert Customer No. or Attach bar code label here)					
Name	Jason W. Johnston				
	Dority & Manning, Attorneys at Law, P.A.				
Address	PO Box 1449				
City	Greenville	State	SC	Zip Code	29602-1449
Country	USA	Telephone	864-271-1592	Fax	864-233-7342

15. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print /Type)	Jason W. Johnston
Signature	
Registration No. (Attorney/Agent)	45,675
Date	August 28, 2001



EXPRESS MAIL CERTIFICATE OF MAILING

In re Application of: Gat, et al.

Entitled: HEATING DEVICE FOR HEATING SEMICONDUCTOR WAFERS IN
THERMAL PROCESSING CHAMBERS

"Express Mail" - Mailing Label Number EL863286350US

Date of Deposit August 28, 2001

I hereby certify that this paper and all attachments and any fee are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, U.S. Patent and Trademark Office, Washington D.C. 20231.

Lynn Watkins

(Typed or printed name of person mailing paper or fee)

Lynn Watkins

(Signature of person mailing paper or fee)

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ATTORNEY DOCKET NO.: AGX-14-CPA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Gat, et al.

Serial No.: 09/226,396

Filed: January 6, 1999

For: HEATING DEVICE FOR
HEATING SEMICONDUCTOR
WAFERS IN THERMAL
PROCESSING CHAMBERS

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)
) Examiner: NGUYEN, KIET
)
)
)

) Art Unit: 2881
)
)
)

Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Prior to calculating the filing fee and prior to examination on the merits, please amend the
above-captioned application as follows:

IN THE CLAIMS

Please delete claims 1-31.

Please add claims 32-73.

32. An apparatus for heat treating semiconductor wafers comprising:
a thermal processing chamber adapted to contain a semiconductor wafer; and
a heating device in communication with said thermal processing chamber for
heating a semiconductor wafer in said chamber, said heating device comprising: